ROYAL

COMPOSITIONS

NAME _____

_____

VERNON ROYAL LINE

Field Notebooks

Richard A. Howard

CLASS PROGRAM

Cuba June 5 - Aug 22, 1941

NAME _____ ADDRESS _____

SCHOOL _____ CLASS _____

		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	PERIOD 6	PERIOD 7	PERIOD 8
TIME	FROM								
	TO...								
MONDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
TUESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
WEDNESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
THURSDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
FRIDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
SATURDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								

MANUFACTURED BY S. E. & M. VERNON, INC.

Summer 1941 -

Collections around Soledad Cuba

June 5 - open field across from house - pitted limestone -

4785 Begonia Segoviana D.C. Begon
"Leñatero" - vine surmounting grass, fls
lavender - good honey plant - odorless

4786 Distictis grapholanthe (Rich) B+H Big
fls white, less common vine, climbing

4787 Plumbago scandens L. Plumb
rare common vine - look like Plumbago, fls white
odorless

4788 Calopogonium coeruleum Desv. Legum.
common, stout, fls blue, pods glab, in 2s or 3s

4789 Urechites lutea (L) Britt. Big.

fls large, yellow, infreq, plant pub on corolla, ls etc - vine

4790 Big

very similar, less frequent, plant glabrous, vine

4791 Tecoma stans (L) HBK Big.

fls yellow, ls compd, small shrub,

4792 Anguria pedata Jacq. Convol?

vine, fls brilliant orange, ls much cut, common,

4793 Sideroxylon foetidissimum Jacq.

"jocuma" - tree 20' in pasture + along roadside

fruits 1" dia, orange, "mastic"

4794 Portulaca pilosa L. Port

fls red-pink, ls outcrop, seeds black

4795 Portulaca phaeosperma Urb. M

fls yellow, fr. outcrop, seeds brown turning iridescent black v collectors

4796 Triopteris rigida Sw. Malpigh.

viny shrub, fls blue-purple, frs winged

4797 Iresine Celosia L. Amaranth.

viny shrub, in with guava, fls white

4798 Morinda Royoc L. Rub.

small shrub, fls white

4799 Cassia Tora L. Leg.

woody herb in open field, fls yellow, fr. glab.

4800 Boerhaavia coccinea Mill. Nyctag.

fls red, plant glutinous

4801 Rivina humilis L. Phytolac.
fls pink, growing in deep holes in ls, very herb.

4802 Ipomoea ~~cath~~ tiliacea (Willd) Choisy Convol.
fls purple, climbing over,

4803 Crotalaria retusa L.
fls yellow, pods glabrous, low weedy herb,
common

4804 M Cissus ~~caustica~~ sicyoides L. Rhamnaceae
vine, common in ls holes, fls yellow, frs green

6-5-41 Trail to the river—

4805 Phoradendron ~~quadrangulare~~ rubrum (L.) Griseb. or [illegible]llarum? Loranthac.
on Bursera, retains ls, frs yellow

4806 Phoradendron rubrum (L.) Griseb. or [illegible]llarum? Loranth.
may be the same, few old ls, fr few yellow,
on Guazuma

4807 Cordia Collococca L. Borag

tree to 20' - roadside + stable yard, fruit red
or orange, pulpy.

4808 Dicliptera assurgens (L) Juss. Acanth

in pasture protected by Pisonia, fls brilliant scarlet
3' high, (unicate)

4809 Xanthoxylum martinicense Lam. Rut.

tree, common along stream banks, 2-30 ft high
spiny, bark gray; fls white, odorous,

4810 Ruellia macrophylla Vahl. Acanth

weak shrub or large herb 5-10', fls brilliant
red, no odor, along high river banks freq
using other plants for support.

4811

grass in with sugar cane - not too abundant

4812

same - in thicket

4813 Clusia minor (L) Gaertn. Guttif
in cane field border

4814 Cleome spinosa L. Capparid
fls white with purple fil, plant spiny, ht 5'
tall, in cane bottoms

4815 Ricinus communis L. Euphorb
in stream bed, ht 10'- fls white to yellow-

6-6-41 field across from house-

4816 Calotropis procera R. Br. Asclep
petals white with purple, arching erect
shrub ht 5'-

4817 Cassia occidentalis L. Leg.
pasture weed ht 3', fl yellow, fr brown erect

4818 Vigna vexillata Rich. Legum
Vine contorted, plant rising fr ht 5', flower lilac
obovate, climbing in open pasture

4818a Centrosema pubescens Benth.

4819 Phyla stoechadifolia (L) Small. Verb
aquatic or moist plant to 3', fls purple - pink or white

4820 Asclepias nivea L. Asclep
open pasture weed

4821 Trichostigma octandrum (L) Walt
viny shrub in holes in ls, fls white, perianth 4,
fruit purple or black, bracts red,

4822 Aristolochia glandulosa Kick. Aristolochi
"zapatita la reina" slipper of the queen - vine in
pasture - fls purple, glands purple-brown -

4823 Asplenium dentatum L fern
on sides of holes + caves in ls -

4824 Petiveria alliacea L. Phytolac
in ls holes, very hot near top

4825 *Vitex incisa* Lam. Verb.
fls blue-lilac, leaves mostly digitately 5-7

4825-a *Echites umbellata* Jacq. typica

4826 AGERATUM HOUSTONIANUM MILL. Comp
M fls blue-purple, weed in old corn field

4827 *Pisonia aculeata* Jacq Nyctag
scrambling woody vine or tree, fls green

4828 *Talinum paniculatum* Gaertn. Portul.
fls pink, in cymes in panicles

4829 *Acacia tenuifolia* L. Legum.
Tree on the outcrops to 15' - fls cream or yellow
branches spiny

4830 *Pisonia aculeata* Jacq. Loranthac
parasitic on Pisonia in the outcrop/pinelands

Eupatorium perfoliatum L.

Rhynchosia minima D.C.

Psoralea pinnata L.

Dalea alopecuroides Willd.

Chrysanthellum americanum (L.) Vatke

4836 *Eglitis viscosa* Less.

4837 *Heliotropium procumbens* Mill.

4838 *Balerida solanifolia* (L.) Cerst.

4839 *Platygyne hexandra* (Jacq.) Muell.-Arg.

4840 *Anemia adiantifolia* (L.) Sw.

4841 *Ipomoea cymosa* (Benth.) Robins

Heliotropium Indicum L.

Verbena alata L.

Melochia clarifolia Jacq.

Solanum ~~tuberosum~~ Capsicum L. Jacq.

Melococca bijuga L.

Ocimum basilicum L.

Ambrosia elatior L.

Limnocharis flava (L.) Buch.

Blechnum Brownii Jens.

Psychotria micrdon (DC.) Urb.

Argemone mexicana L.

Acrostichum lanceafolium Langsd. & Fisch.

Lygia alba (Mett) N.F. Br.

Pluchea purpurascens (Sw) DC

Pluchea odorata Cass.

Chenopodium ambrosioides L.

Heliotropium angiospermum Murr.

Stigmaphyllon sagraeanum

Bastardia viscosa (L) H.B.K.

Sida

Capparis flexuosa L.

Cyperus rotundus L.

Cynodon dactylon (L) Pers.

Casearia hirsuta L.

Capparis baccatum L.

Plumeria obtusa L. typica

Erythroxylon havanense Jacq.

Trichostigma octandrum (L.) Walt.

Hyptis pectinata (L.) Poit.

Tricopteris rigida Sw.

Rajania mucronata Willd.

Rajania mucronata Willd.

Smilax Sarsaparilla Lag.

Tillandsia articulata L.

Cryptostegia grandiflora R.Br. ~~spec. charact.~~

SALVIA OCCIDENTALIS SW.
det. Acad 1965

Cestrum diurnum L.

Hostelitzkya pentasperma Sw.

Malachra capitata L.

Jussiaea leptocarpa Nutt.

Sonneratia polyanthos R. + S.

Erythrina Berteroana Urb.

Cirsium mexicanum DC

Cyperus retundus L.

Portulaca oleracea L.

EUPHORBIA (CHAMAESYCE) PROSTRATA AIT.
Det. Alain 1965

Lepidium virginicum L.

Synedrella nodiflora Gaertn.

Sonchus oleraceus L.

Desmodium tortuosum (Sw) DC

Jacquinia aculata (L) Mz.

Ichnanthus pauciflorus (H.B.K.) Kunth

Paspalum notatum Flügge

Terminalia catappa L.

MELOCHIA PARVIFOLIA HBK
Det. Alain 1965

Setaria geniculata (Lam.) Beauv.

Cordia tremula Griseb.

Stemodia durantifolia Sw.

Emilia sonchifolia (L.) DC.

Blechnum Brownei Juss.

Chamissoa altissima (Jacq.) HBK

Maranta arundinacea L.

Asclepias curassavica L.

Eleocharis elegans (HBK) R&S.

Hura crepitans L.

Tecticum subense Jacq. subsp. chamaedrifolium (Poir.) Epl.

Sida cheiranthifolia Kth.

Heteropterys laurifolia (L.) Juss

~~Bonnetia~~ Bonnetia pauciflora

Byrsonima bombii L.

unicate

Lonchocarpus sericeus HBK

Ruellia tuberosa L.

Cordia Cerasacanthus

Webastynia cubensis (HBK) Urb.

Canella Winterana (L) Gaertn.

Cordia nitida Vahl.

Senaraba glauca Urban

Picramnia pentandra Sw.

Tecoma stans (L) HBK

Antirhea lucida (Sw) Hook.

Solanum bahamense L.

Lucaena glauca (L) Benth.

Plumeria obtusa L. Typica

Rivina humilis L.

Acalypha chamaedrifolia (Lam) Müll-Arg

Croton ilicifolius (DC) Baillon

Xanthoxylum Fagara (L.) Sarg.

v batches is set

Croton lucidus L.

Schaefferia frutescens Jacq.

Anona bullata Rich.

Calotropis procera R. Br.

Euphorbia buxifolia Lam

Ambrosia paniculata Mich, var. peruviana Pursh.

Acrostichum danaefolium Lang. & Fisch.

Pluchea purpurascens (Sw.) DC

Turnera ulmifolia L.

Opuntia prob. macracantha Gmb.

Arrabidaea nitida Jacq.

[illegible] Rhabdadenia biflora (Jacq) Muell-Arg.

[illegible]

[illegible] Lycium carolinianum Walt. [illegible]

[illegible] ½° high

[illegible] Distictis gnaphalantha (Rich) B+H. [illegible]

[illegible]

[illegible] Urechites lutea (L) Brit. [illegible]

[illegible]

[illegible] Ehretia tinifolia L.

[illegible] 20°

[illegible] ~~[illegible] Jacq.~~ [illegible]

[illegible] 20° [illegible]

[illegible]

Solanum verbascifolium L. see no. 4[illegible] !!

Fosteronia corymbosa (Jacq.) Mez.

Hybanthus linearifolius (Vahl) Urb.

Suctlandia elliptica Sw.

Elsota Lamarckii (Griseb.) Kuntze

Citharexylum fruticosum var. villosum (Jacq.) DC.

Caesalpinia vesicaria L.

Stigmaphyllon bogotense

Tephrosia cinerea Pers.

Xanthoxylum pistaciifolium Griseb.

Thouinia trifoliata Poit

Pithecium purpurea (L) Engl.

Lida jamaicensis L.

#960 Tournefortia discolor (Sprengel) Britton

#961 Conocarpus erectus L.

#962 Borrichia arborescens (L.) DC

#963 Capparis cynophallophora L.

#964 Suriana maritima L.

#965 Rondeletia petiolaris C. Wr.

Gymnanthes lucida Sw.

Waltheria americana L.

Bowneria succulenta Jacq. var. revoluta (Ktze) A.E. Schulz.

Bowneria succulenta Jacq. var. typica

Eugenia tomentosa L.

Amaranthus spinosus L.

Capraria biflora L.

Blechnum Brownei Juss.

Leonotis nepetaefolia R.Br.

Crescentia Cujete L.

Anacardium occidentale L.

Pteridium aquilinum (L) Kuhn var. caudatum (L) Sadeb.

Chiococca alba (L) A.S. Hitchc.

Vitis tiliaefolia H+B.

Tournefortia peruviana Poir

Casearia sylvestris Sw.

Prockia crucis L. Fluent.

Bourreria succulenta Jacq. Typica

Cupania glabra Sw.

Trichilia havanensis Jacq.

Cassia chrysocarpa Desv.

Solanum lithospermum L. fil.

Polygala latifolia L.

Oxyandra lanceolata Baill.

Psychotria horizontalis Sw.

Ceramium pentandra Sw.

Asplenium dentatum L.

Adiantum fragile Sw.

Psychotria pubescens Sw.
Tabernaemontana amblyocarpa Urb.

8 Bourreria succulenta Jacq. var. revoluta (Ktth) O.E. Schulz.

7 Tabernaemontana amblyocarpa Urb.

Rivea corymbosa (L.) Hallier

Psychotria pubescens Sw.

Tournefortia hirsutissima L.

Bouteloua barbadensis L.

Tricholoena repens (Willd.) Stapf

Panicum fasciculatum Sw.

Eleusine indica (L.) Gaertn.

Eleusine indica (L.) Gaertn.

Leptochloa virgata (L.) Beauv.

Cynodon dactylon (L.) Pers.

Manihot utilissima Pohl.

Vernonia cinerea (L.) Less.

Euphorbia hirta var. procumbens

Euphorbia pilulifera L.

Melochia pyramidata L.

Eleutheranthera ruderalis (Sw.) Sch.

5014

5015 Coccothrinax Miraguama (HBK) Bcc

5016 Polypodium aureum L.

5017 Pityrogramma Eggersii (Christ.) Maxon

5018 Mikania scandens (L.) Willd.

5019 Ipomoea carolina L.

5020 Adiantum cristatum L.

5021 Adiantum fragile Sw.

5022 M Croton argyrophyllus

5023 Oldenlandia callitrichoides Gris.

5023a Malaxis domingensis Ames

5024 Cyperus filiformis Sw.

5025 Rhabdadenia biflora (Jacq.) Müll. Arg.

5026 M Bryophyllum pinnatum (Lam.) Oken

Pseudocarpidium Wrightii Mitkp.

Passiflora foetida Cv. var. guazumifolia (Juss.) Killip

Passiflora cubensis Urb.

Aristolochia passiflorafolia Rich.

Epidendrum plicatum Lindl.

Tillandsia fasciculata Baldwiniana Schult.

Bucquera elongata Sw.

Quisqualis indica L.

Cordia alba R+S.

[illegible] L.

Passiflora suberosa L

Mollugo nudicaulis Lam

Acalypha chamaedrifolia (L) St. Hill

Selerio Tenuis (L. Rich) Desv.

5341 Cassytha filiformis L.

5342 Psidium Guajava L.

5343 Evolvulus sericeus Sw.

5344 Stenandrium droseroides Nees

5345 Exogonium microdactylum (Griseb.) House
var. integrifolium House

5346 Verbesina alata L.

5347 Mesechites rosea (A. DC.) Miers

M Catalpa suaveolens Brit.

M Jacaranda Cowellii B+Wi.

Angadenia Berterii (A. DC) Miers

Tabebuia lepidota (HBK) Brit.

Exostema longiflorum (Lamb) R+S.

Tabernaemontana amblyocarpa Urb.

Psychotria Sepacana Urb.

Bourreria microphylla Gris. var. asperifolia O.C. Schulz.

Hybanthus Wrightii ~~linarifolius (Vahl)~~ Urb.

Leciostachys nutans (Pers) Benth.

Borreria laevis (Lam) Gris

Elsota elliptica (Turcz) Blake

Mimosa pudica L.

[illegible] (D.) Lem.

5882 ~~Euphorbia~~ Croton nummulariaefolia A. Rich.

5883 Ginoria spinosa Griseb.

5884 Rondeletia odorata Jacq.

5885 Cassia Tora L.

5886 Solanum aculeatum (Jacq.) Schl.

5887 Waltheria americana L.

5888 Croton Sagraeanus Müll.-Arg.

5065 Gomphrena dispersa St.

Angelonia angustifolia Benth.

Fimbristylis Buchtienii Brannon

Lygodium cubense HBK

5073 Sonopsis stricticarioides (Sw.) Urb.

Setaria geminiata (Lam.) Beauv.

Blechnum occidentale L.

Adiantum cristatum L

Epidendrum fucatum Lindl.

Mikania scandens

Acalypha chamaedrifolia (Lam.) Müll-Arg.

Borreria ~~Hymenocephala~~ microcephala Gris.

Phyllanthus dumicola

Jac

Rhynchospora cyperoides (Sw.) Mart.

Echinochloa colonum (L.) Link

Scirpus dulcis L.

Cyperus Parvonis (L.) R. Br.

Fimbristylis monostachya Hook.

Stigmaphyllon sagraeanum

Rhynchospora cubensis A. Rich.

Andrtosoria Wrightiana Maxon

Byrsonima crassifolia

5093 Erigeron cuneifolius DC — Comp.
fl. white

5094 Chaptalia ~~media~~ dentata — Comp.
fl. white

5095 Cyperus Swartzii (Dietr.) Boeckl. — Cyperaceae
wet meadow
[illegible]

5096
[illegible]

5097 Tillandsia Balbisiana Schult. — Brom.
[illegible]

5098 Anastraphia Cowellii Britt. — Comp.
[illegible] shrub 3-6'

5099 Xanthoxylum dumosum A. Rich

5100 Buxus glaucescens (Brit.) Howard

5101 Ternstroemia peduncularis DC.

5102 M Croton monogynus (= elongatus Vahl)

5103 Psidium bullatum Britt & Wils.

5104 Neobracea Valenzuelana (Rich) Urb.

5105 M Phthirusa purpurea (L.) Eichl.

5103 Euphorbia pauciflora

4207 Turnera diffusa Willd.

5104 Scolosanthus densiflorus Urb.

5105 Bonania emarginata Wr. ex Bris.

5110 Melochia nummulariifolia

5111 Exostema spinosum (Vahl) R. & S.

5112 Erythroxylon minutifolium Bris.

5113 Bucida spinosa (Northrop) Jennings Comb.

Bostonia longifolia (L) Brit.

Emilia sonchifolia (L) DC

Impatiens Sandersonii Hook.

Tabebuia pentaphylla (L) Hemsl.

Hamelia patens Jay

Gelsertia arborea (L) Mard

Rondeletia odorata Jay.

Bostonia longiflora (L) Pud.

Capraria biflora

Cupania glabra Sw.

5124 *Tectaria trifoliata* (L.) Cav.

5125 *Arg. Thamnia cauliculans* Sw.

Guettarda Combsii Urb.

Conchocarpus latifolius HBK

M Cf. VIGNA VEXILLATA (L.) A. RICH.
det. Alain 1965

5129 *Eupatorium obtusifolia*

5130 Solanum virgatum Lam. var. lentum (Cav.) Schulz.

[illegible]

5131 EUPATORIUM VILLOSUM SW — Comp.

[illegible]

5132 Paspalum unispicatum (S+M) Nash — Gram.

[illegible]

5133 Forsteronia corymbosa (Jacq) G. Mey. — Apocyn.

[illegible]

5134 Adiantum cristatum L. — fern

[illegible]

5135 Selenicereus grandiflorus (L) B+R. — Cact.

[illegible]

5136 — Comp.

[illegible]

5737 Echites umbellata Jacq. typica Apocy.
fl. yellow [illegible]

5738 Cissampelos pareira L. Menisp.
fl. yellow, same as 5736 edge of forest

5739 Anemia adiantifolia (L.) Sw. [illegible]
on bottom of [illegible] along [illegible]

5740 Psychotria pubescens Sw. [illegible]
fl. yellow, shrub 2', edge of [illegible] wood

5741 Capsicum baccatum L. Solan.
fl. yellow, fr. [illegible] small shrub in [illegible]

5742 Trixis ~~frutescens~~ radialis (L.) [illegible] Comp.
M
fl. [illegible], shrub [illegible] 6-8' [illegible]
growing in [illegible] woods

5743 Passiflora rubra L. Passif.
fl. [illegible] woods + [illegible] along [illegible]
R.R.

Pyrrosia Asperum (C. DC) Trid.

Pluchea odorata Cass.

Cacia Papaya L.

Dryopteris augescens (Link) C. Ch.

Cordorus siliquosus L.

5149 Bletia tabensa (L) Ames

5149a Tectaria heracleifolia (Willd) Underw.

5/52 Aston lobatus L.

5/53 Eigeron bonariensis L.

5/57 Commelina diffusa Burm f.

5/63

5/64 Adiantopsis pulata (A. Br.) Moore

5/--
M Brandea lanceolata (Pav.) Baill.

Gymnanthes lucida Sw.

Passiflora foetida L. var polysepala (Brandt) Killip

Cameraria latifolia L.

Adiantum villosum L.

Carex polystachya Sw.

Pilea Clementis Brit.

5962 Poeppigia procera Presl.

[illegible]

5963 Wedelia rugosa Greenm.

[illegible]

5964 Lantana trifolia L.

[illegible]

5965 M Ficus membranacea

[illegible]

5966 Trichostigma octandrum (L.) Walt.

[illegible]

5967 Prockia crucis L.

[illegible]

Dryopteris reticulata (L.) Urban

Casearia sylvestris Sw.

Phyllanthus juglandifolius Willd.

Passiflora multiflora L.
~~Ronabea latifolia Combes Benth.~~

Eleutheranthera ruderalis (Sw.) Sch. Bip.

Picramnia pentandra Sw.
~~Picramnia latifolia Tul.~~

Heteropteris laurifolia (L.) Juss.

Pilea microphylla (L.) Liebm.

Bellonia spinosa Sw.

Rondeletia Combsii Urban.

Duranta repens L.

Rhytidophyllum tomentosum (L.) DC.

Ficus aurea

M

Datura suaveolens HBK

Conteria slominingensis (Gaertn.) Bachni
M

Duranta repens var. alba (Mutis) L. H. Bailey

Melia Azedarach L.

Calophyllum Calaba L. brasiliense Camb. var. antillanum (Britt.) Standl.

5186 Crosema cinitum (HBK) G. Don.

5187 Bletia Tuberosa (L) Ames

5188 Bachnea elongata

5189 Senecio tricuneus Greenm.

5190 Polypodium aureum L.

5191 Polypodium angustifolium Sw.

5192 Polypodium lycopodioides L.

5193 Ipomoea Batatas

5194 Tectaria heracleifolia (Willd.) Underw.

5195 Polypodium gladiatum Kze.

5196 Erythroxylon havanense Jacq.

5197 Sloia sessiliflora (Sw.) Willd

5198 Dennstaedtia globulifera (Poir.) Hieron

5199 Catopsis Berteroniana (Schultz) Mez

5200 M Elaphantopus mollis H.B.K.

5201 M Hypericum galioides Lam. var. aspalathoides (Willd.) Tonduz
~~fasciculatum Lam.~~

5202 Thunbergia alata Bojer

5203 Byrsonima spicata

5204 Citharexylum caudatum L.

5205 Diodia hippioides Griseb.

5206 Pavonia spinifex L.

5207 Asclepias hypercoides L.

5208 Wallenia laurifolia Sw.

5209 Ocnerina viridiflora (Acm.) Klotzsch

5210 Chaptalia tomentosa Vent.

5211 Dryopteris sancta (L.) Kuntze

5212 Fadyenia Hookeri (Swett) Mason

5213 Asplenium myriophyllum (Sw) Pr.

5214 Peperomia macrostachya (L) Hook

5215 Pepis scabrum Sw.

5216 M Lunania elongata B+W

5217 Dryopteris scolopendrioides (L) Kze

5218 Cassia retundifolia Pers.

5219 Salvia occidentalis Sw.

5220 Arthrostylidium distichum Pilger

5221 Cyathea arborea (L.) J.E. Sm.

5222 Hemitelia horrida (L.) R. Br.

5223 Cyathea cubensis Underw.

5224 Cyathea arborea (L.) J.E. Sm.

5225 mixed coll. Hyptis Wrightii (Baker) Brandegee

5225a Cunila scorzonerifolia (Lam.) Baker

5226 Pilocarpus alpina (Sw.) DC.

5227

5228 Actinocyclus caudatum L.

5229 Neurolaena lobata (L.) R. Br.

5230 Panicum acuminatum Sw.

5231 Hyptis mutabilis Briq.

5232 Croton argyrophyllus

5233 Dryopteris effusa (Sw) Underw.

5234 Fosteronia corymbosa (Jacq) Mey.

5235 Tournefortia hirsutissima L

5236 Canavalia nitida (Cav.) Piper

5237 Hibiscus costatus Rich.

5238 Banisteria pauciflora

5239 Rhynchospora globularis (Chapm) Small
var. recognita Gale

5241 Zornia diphylla (L) Pers.

5242 Dichromena ciliata Vahl.

5243 Cyathea insignis DC. Eaton

5244 Eragrostis Typhoantha Schult.

5245 Rhynchospora intermixta C. Wright

5245 Cyperus ochraceus Vahl.

5246 Polypremum procumbens L.

5247 Asplenium myriophyllum (Sw.) Pr. Fern
common [illegible] rock

5248 Peperomia rotundifolia (L.) HBK Piper.
climbing on tree trunk

5249 Ocotea leucoxylon (Sw.) Mez. Laur.
20' tree [illegible]

5250 Tectaria heracleifolia (Willd.) Underw. Fern

5251 Polypodium angustifolium Sw. Fern
[illegible]

See Blue [illegible]

5252 Clerodendrum fragrans var. pleniflorum Schau.
[illegible] 3'

5253 Exogonium racemosum (Poir.) Choisy Convol.
[illegible]

[illegible]

5254 Passiflora foetida var. gossypiifolia (Desv.) Mast. Cucurb.?

[illegible]

[illegible]

5255 Bignonia Sagraeana D.C.

Bignonia sagraeana Bignon.

[illegible]

5256 Pavonia fruticosa (L.) F+R [illegible]

[illegible]

5257 Luehea speciosa Willd Tilia.

[illegible]

5258 Wissadula hernandioides Garcke [illegible]

[illegible]

5259 Solanum virgatum Lam. var. lentum (Cav.) Schulz

[illegible] v coll

5260 *Pityrogramma calomelanos* L.

5261 *Eleutheranthera ruderalis* (Sw.) Sch.

5262 *Heliotropium procumbens* Mill.

5263 *Clidemia hirta* D. Don

5264 *Schizaea pusilla* Pursh

5265 *Andropogon bicornis* L.

5266 *Cleome spinosa* L.

5267 Clitoria rubiginosa Juss ex Pers. ..

5268 Miconia laevigata DC

5269 Bonnaya edulis Vahl.

5270 Oxandra lanceolata (Sw.) Baill. Anonac.

5271 Erythroxylon havanense Jacq.

5272 Ficus laevigata Vahl. Moraceae

M

5273 Columbrina reclinata (L'Her.) Brong. Rhamnaceae

5274 Ehretia tinifolia L.

5275 Croton glandulosus L.

5276 Blechnum occidentale L.

5277 Tithonia rotundifolia (Mill.) Blake

5278 Chrysanthellum americanum (L.) Vatke

5279 Eupatorium odoratum L.

5280 Urena lobata L.

5281 Thunbergia alata Bojer

5282 Canavalia nitida (Cav) Piper

Asplenium crosum L.

Peperomia cubana C. DC

5284a Peperomia Earlei Trel. mixed coll.

5285 M Meriania nana

Bochmeria Pilea cylindrica Willd.

5287 Pteris pentadactyla Sw.

5288 Pteris spinifera L.

5289 Blechnum polypodioides (Sw.) Kuhn.

5290 Cyathea cubensis Underw.

5291 Dennstaedtia axillaris (Sw.) DC var. genuinum Hieron.

5292 Anemia Underwoodiana Maxon

5293 Hemionitis palmata L.

5294 Mirabilis jalapa L. Nyctag

[illegible]

5295 Porophyllum ruderale (Jacq.) Cass. Comp.

[illegible]

5296 Adiantum villosum L. Fil.

½ Adiantum petiolatum Desv. [illegible]

5297 Erigeron [illegible] Comp.

[illegible]

5298 Palicourea domingensis (Jacq.) DC. Rub.

[illegible]

5299 Mammea americana L. Gutt.

[illegible]

5300 Tectaria martinicensis (Spreng.) Copel. Fil.

[illegible]

5304 Commelina diffusa Burm f.

5302 Euphorbia bonariensis L.

5303 Gilibertia arborea (L) March

5304 Miconia impetiolaris (Sw) Don

5305 Ravenia Leonis Mansf.

5306 Croton lucidus L

5307 Polypodium phyllitidis L.

5308 Polypodium angustifolium Sw. fern
In walls of gorge

5309 [illegible] brachyantha (C. Rich) [illegible]
[illegible]

5310 Dryopteris pedata (L) Fée var. typica fern
In walls of gorge

5311 Rorippa nasturtium-aquaticum (L) Schinz & Thell. [illegible]
[illegible]

5312 Samolus floribundus HBK [illegible]
[illegible]

5313 Chenopodium ambrosioides L. [illegible]
[illegible]

5314 Vittaria angustifolia (Sw.) Baker fern
[illegible]

5315 Nemolaena lobata (L) R.Br. Comp

5316 Eugenia axillaris (Sw.) Willd Myrt

5317 Plantago major L. Plan

5318 Peperomia myrtifolia Ruiz Pepe

5319 Cyathea cubensis Underw. Fern

5320 Coffea arabica L. Rub

5321 Xanthosoma cubensis (Schott) Engl. Aroi

spathulata, b. f. 3'

5321 Bryophyllum pinnatum (Lam.) Kurz.

5322 Cordia trimula Gmelin.

5323

5324 Miconia prasina (Sw.) DC

5325 Leonia acuminata Hb.

5326 Begonia obliqua L.

5328 Hoplaria [illegible] L. [illegible] Comp.
[illegible]

5329 Rondeletia odorata Jacq. Rub.
fl. orange [illegible]

5330 Eugenia [illegible]
[illegible] 2" [illegible]

5331 Justicia Ruizeliana (Griseb.) Lindau [illegible]
[illegible]

5332 Casearia hirsuta L.
[illegible]
[illegible]

5333 Marcgravia rectiflora Tr. & Pl. Marcgr.
[illegible]

5334 Stigmaphyllon [illegible] [illegible]
[illegible]

verif

Solanum jamaicense Mill.

M ERYTHRINA ELENAE HOWARD & BRIGGS

Solanum umbellatum Miller

Ageratum conyzoides

Calycophyllum candidissimum (Vahl) DC

Adiantum dolloidum Sw.

Cheilanthes microphylla Sw.

5-3[illegible] Solanum pensiflorum L.

5-3[illegible] Capparis flexuosa L.

5-3[illegible] Cordia Collococca ~~Host.~~ L.

5-3[illegible] Rhynchosia reticulata (Sw) DC.

5-3[illegible] Ageratum conyzoides

5-3[illegible] Eleocharis caribea (Rottb) Blake

1348 Triumfetta semitriloba Jacq. Til.

[illegible]

1349 Dryopteris sancta (L) O. Ktze Fern

[illegible]

1350 Scoparia dulcis L. Scrop

[illegible]

1351 Pavonia fruticosa (L.) F & R Malv

[illegible]

1352 Neurolaena lobata (L) R. Br. Comp

[illegible]

1353 Solanum nigrum L. var americanum Solan

[illegible]

[illegible] specimens fragments - discarded

1354 Syzygium Jambos Myrt.

[illegible]

5355 *Polypodium glaciatum* Kze.

5356 *Elaterium Carthaginense* Jacq.

5357 *Boehmeria cylindrica* (L) Sw.

5358 *Coix lachryma-jobi* L.

M *Chenopodium ambrosioides* L.

5360

5361 *Alternanthera ficoidea* (L) R. Br.

Polygonum punctatum Ell.

Adiantum villosum L.

Eclipta alba (L) Hassk.

Guzmania monostachia (L) Bailey

Cyperus cyperinus (L) Millsp.

Sambucus Simpsonii Rehd.

Alberta edulis (Rich) Rich

5369 Tillandsia pruinosa Sw.

5370 Mucuna urens (L.) F+R

5370a Anemia Underwoodiana Maxon

5371 Parthenocissus quinquefolia (L.) Planch

5372 Eupatorium odoratum L.

5373 Elenya cuneata Wedd.

5374 Tectaria martinicensis (Spreng.) Copel.

Pepis anisitum HBK

Mexico sp. cult. + escaped.

Hemitelia horrida (L) R. Br.

Dicliptera assurgens Juss.

Tectaria martinicensis (Spreng) Copel.

Catopsis floribunda (Brongn) L. B. Sm.

5380 Tillia corymbosa (L) Hall

Acalea leucocyclon (Sw) Mez.

5382 Tillandsia usneoides L.

5384 Wallenia laurifolia Sw.

5385 Lepicina jamaicensis Sw.

5386 Tectaria heracleifolia (Willd.) Underw.
Nonnjet

5387 Aciantopsis pedata (A. Br.) Moore
Nonnjet

5388 Polypodium Plumula H. & B. ex Willd.
Pom Pl.

5389 Commelina (longicaulis Jacq.) diffusa Burm.

5390 Lycopersicon esculentum Mill.
Many bad in woodland

391 *Polypodium phyllitidis L.*

1392 *Peperomia serpens (Sw.) Loud.*

Micania scipioides (Sw.) D. Don

Capraria biflora L.

Eugenia legnotina Willd.

Ficus aurea

5387 Wedelia rugosa Grenm.

5390 Ipomoea leptophylla (R&W) Voigt

5392 Spilanthes urens Jacq.

5400 Blechnum Brownei Juss.

5401 Potamogeton foliosus Raf.

5402

5403 Eupatoria glabra Lam.

5 41 Cordia glabra

Ficus pumila L.

Hypelate trifoliata Sw. Sapotac.

Euphorbia neriifolia L.

Jatropha Curcas L.

Solanum lithospermum (?) L.

Eleutera tinifolia L.

Gymnanthes lucida Sw.

Barleria solanifolia (L.) Nees.

M Guettarda elliptica Sw.

M Hoffmannia latifolia (Ait.) Kuntze.

Rajania mucronata Willd.

5916 M Ficus aurea

Schaffneria fruticans Jacq.

Gymnanthes lucida Sw. Euphorb

Colubrina ferruginosa Brongn.

Smilax domingensis Willd

Clamisia altissima Jacq. f. HBK

Psychotria pubescens Sw.

5423 Mimusops Howardii Britt.
[illegible]

Brasilettia violacea (Mill.) B+R.
5424 ~~Albizzia lebbek Benth.~~
M [illegible]

5425 Batis maritima L. [illegible]
[illegible]

5426 Erythroxylon rotundifolium Lunan
[illegible]

[illegible] M Zanthoxylon taediosum [illegible]
[illegible]

5428 Zanthoxylum taediosum Rich. [illegible]
[illegible]

5428 Casearia cf. GUIANENSIS (AUBL.) URB. [illegible]
det. Alain 1965
[illegible]

Triopteris rigida Sw.

M Guettardia calyptrata Rich.

Hibiscus pilosus (Sw) F+R

Cordia tremula Griseb

Distictis gnaphalantha (Rich) B+H.

M Ouratea ilicifolia

M Serjania divisifolia

M Rhacoma aquifolia

Cryptostegia grandiflora R. Br.

Antirhoea lucida (Sw.) Hook

Euphorbia Smallii Brit.

Stigmaphyllon diversifolium

Mascagnia rosea (G. DC.) Miers

Tournefortia peruviana Poir.

Sideroxylon foetidissimum Jacq.

5445a Eugenia buxifolia (Sw.) Willd.
Bourreria succulenta Jacq. Typus

Helicteres semitilobata Kurt.

4418 Croton lucidus L.

Guettarda scabra (L.) Lam

Angadenia Berterii (A. DC.) Miers

Eugenia buxifolia (Sw) Willd.

Lysiloma sabicu Benth

Lysiloma latisiliqua (L.) Benth

Atriplex pentandra (Jacq.) Standley

Abutilon regnum (L.) Schlecht

Mimosa Roya L.

Lantana involucrata L.

Bursera graveolens (HBK) Tr.

Hybanthus havanensis Jacq.

" Asclepias prostrata Ker.

Jacquemontia jamaicensis (Jacq.) Hall.

Evolvulus sericeus L.

" Asclepias syriaca L.

Echites umbellata Jacq. Typica

Canella Winterana (L.) Gaertn. Canellaceae

Erythroxylon havanense Jacq.

Acacia Farnesiana (L.) Willd.

Caesalpinia pauciflora (Griseb.) Wr.

Lysiloma bahamensis Benth.

Ancistrocarpus nitidus Jacq.

Conocarpus erectus L.

Lippia alba (Mill.) N.E. Br.

Metopium toxiferum (L.) Krug & Urb.

Typha angustifolia L.

Pavonia cocinea (L.) Mund

Daya occidentalis (L.) Sweet

Dactyloctenium aegyptium (L.) Rich

Sesuvium repens L. var. portulacastrum (HBK) Gris.

Euphorbia hirta L.

Euphorbia hypericifolia

Sida spinosa L.

Sida rhombifolia L.

Melochia corchorifolia Burch

Cuscuta nitida (Sw) Engl.

Lycopersicum cubense H.B.K.

Jatropha integerrima Jacq.

Dichromena ciliata Vahl.

Stigmaphyllon diversifolium

M Rondeletia angustata C. Wr.

Wedelia rugosa Greenm.

Eugenia aspergifolia Berg.

Lochnera rosea (L) Rchb.

Jacquinia stenophylla Urb.

M. Rondeletia camarioca Wr.

Pictetia marginata Sauv.

Catesbaea spinosa C. Wr.

5497 Andira cubensis Grisb. Legum.

20' Tree, fls rose-purple, open savannah, bark gray-dbk 7"

5497a Matisteluna cubensis Dene.

Piscidia Erythrina L. ?

Cirrigueta cistoides (L) Moy

M Tetrazygia bicolor

Miconia albicans (Sw) Triana

Psychotria coronata Swith

Cecropia armata Wr.

Rapanea myrsinata Willd.

Hypoxis Wrightii (Bak.) Brackett.

Cassytha filiformis L.

Eucalyptus pelularis f. Sm.

Polygala angustifolia HBK

Centrosema virginianum (L) Benth.

Croton glandulosus L.

Byrsonima crassifolia.

Stigmaphyllon sagraeanum

Fuirena simplex Vahl.

M Borreria microcephala (Rich.) Urb.

Echites umbellata Jacq. typica

Wedelia rugosa Greenm.

Wedelia gracilis Rich.

Sachsia polycephala Griseb.

[illegible] filiformis Kunth.

Scleria phylloptera (L.) Sw.

Malpighia setosa

5521c Malpighia cubensis HBK

Ipomoea tenuissima Choisy

M Ouratea ilicifolia (DC) Baillon

Portulaca lanceolata Engl.

Caperonia castaneifolia (L.) St. Hil.

Mollugo nudicaulis Lam.
~~Erigeron cuneifolius~~

Acalypha chamaedrifolia (Lam) Muell-Arg

~~Mesechites rosea (L) B. Miers~~ [a. DC written above]

Piriqueta cistoides (L) Mey

5529-a. ~~Sebastiania corniculata var. tragioides (Mart) Pax~~
Piriqueta cistoides (L) May

Alysicarpus vaginalis (L) DC.

Ouratea ilicifolia

5523 *Turnera pumilea L.*

5524 *Stylosanthes viscosa Sw.*

5525 *Aschynomene tenuis Grisb.*

Cuphea Parsonsia (L) R. Br.

5527 *Tephrosia cinera Pers.*

5528 *Malpighia horrida Small*

5529 *Calliandra pauciflora Grisb.*

Waltheria americana L.

Angelonia pilosella J. Kickx

Sebastiania corniculata var. trajioides (Mart) Pax

Stenandrium dioscoroides Nees.

Polygala angustifolia HBK

Eugenia aspergifolia Berg.

Richardia brasiliensis Gomez

Caesalpinia oblongifolia Urb.

M Sauvagesia Brownei

Euphorbia hypericifolia L.

Evolvulus sericeus Sw.

EVOLVULUS MINIMUS V. OOSTSTR.
det. Alain 1968
~~Euphorbia hypericifolia~~

Cheilophyllum macranthum Urb. Scrophl.

Mitastelma lamatum Brid.

Polygala longicaulis HBK

Polygala paludosa St. Hill.

Cabomba piauhiensis Gardn.

Nymphaea ampla (Salisb.) DC.

Utricularia spruceana Wright

Salvinia auriculata Aubl.

Croton Sagraeanus Müll. Arg.

Reynosia Sagraeana Urb.

M Richardia scabra L.

Eugenia capuifolia Berg.

Pluchea foetida (L.) DC.

Caperonia castaneifolia (L.) St. Hill.

Elvasia intermedia R. Br.

Centella erecta (L. f.) Fern. Humbl.

Rhynchospora cyperoides (Sw.) Mart.

Westelia gracilis Rich.

Angelonia pilosella J. Kickx

Glycocarpus vaginalis (L) DC

Buya Ebenus (L) DC

Eugenia aspanifolia Berg.

Angelonia Berterii (A. DC) Miers

Caesalpinia oblongifolia Urb

Stylosanthes viscosa Sw.

Croscema crinitum (HBK) D. Don

Croton nummularifolia A. Rich.

Zornia diphylla (L) Pers.

Rauwolfia Alphonsiana Mull-Arg.

Mesechites rosea (A. DC) Miers

Cephalanthus occidentalis L.

Belairia mucronata Brasil.

Stigmaphyllon Sagraeanum A. Juss.

Bulbostylis setacea (Brasiliana)

Camarea latifolia L. (nat)

Buchnera elongata Sw.

Eugenia guillainii Kiaersk.

5-91 Ipomoea martinicensis Jacq. / Mey.

5-92 Solanum Floridanum Dunal

5-93 Aureolaria nitida (Lw) Eng.

5-94 Mikania scandens (L) Willd.

5-95 Bucida spinosa (Northrop) Jennings

5-96 Rhynchospora corymbosa (L) Britt.

5-97 Chrysobalanus icaco L.

a Rauwolfia Alphonsiana Mull. Arg.

Byrsonima crassifolia

Tabebuia lepidota (HBK) Bur.

Melochia hirsuta Cav.

Sauvagesia Brownei Planch.

Scoparia dulcis L. Scroph.

Vernonia cinerea (L.) Less.

Jussiaea suffruticosa L. var. ligustrifolia (HBK) Brenib

Sauvagesia Brownei Urb.

Caperonia castaneifolia (L) St. Hill.

Acisanthus quadrata Juss.

Dryopteris scolopendrioides (L) Kze

Pavonia fetida Cav. var grunquiloba (Benth) Killip

Polypodium heterophyllum L. (P. Swartzii Baker)

Pelecoma dominguensis (Jacq) DC.

Adiantum cuneatum Willd.

Sonchus oleraceus L.

Crotalaria incana L.

Desmodium axillare (Sw) DC var. genuinum Urb.

Rondeletia odorata Jacq.

5618 Styrax obtusifolia Griseb [illegible]

[illegible]

5619 Zebrina pendula Schnizl Commel.

[illegible]

5620 ~~[illegible]~~ [illegible]

[illegible] to 30', [illegible]

5621 Sambucus Simpsonii Rehd. Caprif.

[illegible]

5622 Hirtella triandra Sw. Rosaceae

[illegible] 12', [illegible]

[illegible]

5623 Canna coccinea Ait. Cannaceae

[illegible]

5624 Trema micrantha Bl. Ulmaceae

[illegible] 5', [illegible]

[illegible]

625 M Rourea glabra Kth.

626 Gymnanthes pallens (Griseb.) Mull-Arg

Samolus floribundus HBK

628 Cocculoba uvifera Jacq.

Sideroxylon [illegible]

Cayaponia racemosa Cogn.

Rauwolfia tetraphylla L.

5632 Dryopteris sera (Sw.) Kze

5633 Meconia inpetiolaris (Sw.) D. Don

5634 Nectandra coriacea (Sw.) Griseb.

5635 Brassia caudata (L.) Lindl.

5636 MELOCHIA PARVIFOLIA HBK
det. Alain 1965

5637 Pteridium aquilinum (L.) Kuhn. var. arachnoideum (Kaulf.) Heller

5638 Dryopteris patens (Sw.) Kze

Achyranthes

Centrostachys aspera (L) Standley

Equisetum megaphyllum L.

Chenopodium ambrosioides L

M Samyda rubensis P. Wils.

Bouvardia succulenta Jay var typica ~~Standley~~

Tournefortia bicolor Sw.

[illegible] Solanum umbellatum Mill. [illegible]

[illegible] yellow [illegible]

[illegible] Tabernaemontana amblyocarpa Urb. [illegible]

fl. yellow [illegible]

[illegible] Erythroxylon havanense Jacq.

[illegible]

[illegible]

[illegible] Senecio [illegible] Griseb. [illegible]

[illegible] fl. yellow

[illegible] Citharexylum tristachyum Turcz.

[illegible]

[illegible]

[illegible] Stigmaphyllon diversifolium [illegible]

[illegible]

[illegible] Cissus caustica Tuss. [illegible]

[illegible]

Cissampelos pareira L. [illegible]

[illegible]

6 [illegible] Psychotria Sagraeana Urb.

[illegible] [illegible], [illegible] 5'

[illegible] Cameraria latifolia L. [illegible]

[illegible]

[illegible] Polypodium Plumula H. + B. ex Willd. [illegible]

[illegible] DIPHOLIS SALICIFOLIA (L.) A. DC.

det. Alain 1965

[illegible] P5 [illegible]

[illegible] Casearia aculeata Jacq.

[illegible]

[illegible] Colubrina reclinata (L'Her.) Brongn. [illegible]

tree 20', fl. yellow, [illegible]

5660 Xanthium chinense Mill. Comp.
pasture

5661 Coccoloba retusa Griseb.
Tree to 30', fls. white green, [illegible]"

5662 Erigeron cuneifolius Comp.
m
fls. white

5663 Phyllanthus [illegible]
m
[illegible]
[illegible]

5664 Genipa americana L.
"Jagua" - Tree to 40', [illegible]

5665 Eupatorium brachychaetum [illegible] Comp.
fls. white

5666 Chaptalia [illegible] Comp.
fls. white

Metastelma sp.

Belairia ternata C. Wr.

Pilea microphylla (L) Liebm.

Tabebuia sauvallei Brit.

Abutilon crispum (L) Medic

Phoebe elongata (Vahl) Nees

Ehretia rigata (Sw) Rtze

5674 Lonchitis reticulata Pers. Ker

5674a ~~Adiantum fragile Sw.~~

5675 Adiantum villosum L. Sw.

5676 Pteris longifolia L.

5677 Acrostichum leucoxylon (Sw.) Mey.

5678 ~~Gleichenia~~ Asplenium acutissimum Jacq. Sw.

5679 Caseania hirsuta L.

5680 Dicranodium tortuosum (Sw.) DC. Jacq.

Selaginella stolonifera (Sw.) Spr.

Pycnanthemum spicatum

Cassia (Sciacassia) nictitans Lam.

Cuscuta Gronovii Willd.

Oxalis longiflora (Lam.) R. & S. Rub.

Lycopodium dendroideum L.

5687 Tectaria coriandrifolia (Sw) Underw.

5688

5689 Dryopteris sancta (L) O. Ktze

5689 Dryopteris domingensis (Spreng) Maxon

5690 Anona reticulata L.

5691 Hyptobaena acutifolia Britt.

5692 Lobelia Cliffordiana L.

5693

5693 Trichilia hirtensis Jacq.

5694 Rauwolfia tetraphylla L.

785 Hufelandia (Beilschmiedia) pendula — Lauraceae

[illegible] 25 [illegible]

786 Mucuna urens (L) F+R. — [illegible]

[illegible]

[illegible]

787 Solanum nigrum v. ~~[illegible]~~ (Cav.) [illegible] — [illegible]

[illegible]

[illegible]

1788 Dryopteris ~~[illegible]~~ reticulata (L) Urb. — fern

789 M Acalypha [illegible] — [illegible]

[illegible] 16 [illegible]

1790 Tectaria coriandrifolia (Sw) Underw. — fern

791 M Picramnia pentandra Sw.
~~Dryopteris [illegible]~~

[illegible]

5702 Croton origanifolius — Euphorb.
hillside shrub to 5' fl. [illegible]

Terminalia intermedia (A.Rich.) Urb.
5703 Bucida Buceras L. — Combretaceae
[illegible] tree 30'

5704 Pilea nudicaulis Wedd. — Urtic.
moist [illegible] cliff to 2'

5705 Fimbristylis annua (All.) R.&S. — Cyper.
open pasture

5706 Rhynchospora pusilla Gris. — Gram.

5707 Scleria lithosperma (L.) Sw. — Cyper.
dry woods

5708 Polypodium heterophyllum L. — fern
climbing on tree

1209 Cheilanthes microphylla Sw.

1213 Marsilea jamaicensis (Crantz) Britton

Cassia aeschynomene D.C.

Salvia coccinea Juss.

Rajania ANGUSTIFOLIA Sw.
det. Alain 1965

Desmodium canum (Gmel.) Schl. & Thellung

Barleria solanifolia (L) Nees.

5716 *Goniopteris acuminata Urb.*

5719 *Scoparia dulcis L.*

5719 *Tallandsia festucoides Brongn.*

Cynoctenium mitrata (L) Brit.

Hydrocotyle hirsuta Sw.

5720a *Dryopteris reptans (Gmel) C. Chr.*

5720a *Pteris longifolia L.*

5722 OUT

Bixa orellana L.

Ocotea leucoxylon (Sw.) Mez

Cestos subcr. W.

Pilea Parietaria (L.) Blume

Acalypha membranacea Rich.

Tectaria coriandrifolia (Sw.) Underw.

Lobelia asurgens L. var. santa clarae McV.

Nephrolepis cordifolia (L) Presl.
~~Dryopteris reticulata (L) Urban~~ fern

5731 Tragia volubilis L.

5732 Dryopteris scolopendrioides (L) O. Ktze fern

5733 Liparis elata Lindl. Orchid

5734 Guzmania lingulata (L) Mez. Bromel.

5735 Odontonema callistachyum (C&S) O. Ktze
T. 5'

5736 Eupatorium brachychaetum

5737 Duggena Standley
Gonzalagunia brachyantha (A. Rich) Urb.
9-12'

Annona reticulata L.

Dorstenia mummularia Mb. & Ekm.

Solanum havanense Jacq.

Tagetes patula L.

Bryophyllum calycinum Salisb.

5784 Melochia nodiflora Sw.
[illegible]
[illegible]

5785 Tillandsia polystachya L. [illegible]
[illegible]

7-11-41 [illegible]

5786 Malpighia [illegible] Poir
[illegible]

5787 Costus spicatus (Jacq.) Rosc [illegible]
[illegible]

5788 Waltheria [illegible] Sw.
[illegible]

7-11-41 [illegible] Highway & pasture

5789 Digitaria sanguinalis (L.) Scop. [illegible]

Hymenachne amplexicaulis (Rudge) Nees

Oryzopsis contortus Flugge

Sporobolus indicus (L.) R. Br.

Desmodium tortuosum (Sw.) DC. det Schubert 1968
Desmodium distortum (Aubl.) Macbride

Echinochloa colonum (L.) Link

Panicum fasciculatum Sw.

Eleusine indica (L.) Gaertn.

Vigna vexillata Rich

Cordoba virgiosa L.

5755 Sida acuminata D.C. [illegible]
19 [illegible] field

5766 Waltheria americana L. [illegible]
[illegible] yellow [illegible] field

July 21 [illegible]
[illegible]

5761 [illegible]
[illegible]
[illegible]

5762 Mesechites rosea (A. DC.) Miers [illegible]
[illegible]

5763 Operculina dissecta (Jacq.) House [illegible]
[illegible]

[illegible] Anthacanthus spinosus (Jacq.) Nees [illegible]
[illegible]

ORIENTE

Erythroxylon rotundifolium Lunan

Leucaena glauca (L) Benth.

Acacia farnesiana (L) Willd.

Yucca aloifolia L. x coll

Sesbania [illegible] (L) [illegible]

Lantana reticulata Pers.

Cassia emarginata L.

M Sida anomala ~~silvicola~~ St. Hil.

M Acidocroton oligostemon Urb.

Bonania cubana A. Rich

Bourreria succulenta Jacq var. revoluta (Ktth) OE Schulz

Eugenia axillaris (Sw) Willd

Exostema caribaeum (Jacq) R+S

Tournefortia volubilis L.

Bidens pilosa L. sp.

Angadenia Berterii (A. DC.) Miers

Ipomoea Tiliacea L.

CAESALPINIA BAHAMENSIS Lam.
det. Alain 1965

Spigelia Anthelmia L.

Datura metel L.

M Sida procumbens Lo.

Cordia leptoclada Urb. & Brit

Stylosanthes hamata (L.) Taubert

M Tephrosia cinerea Pers.

Cucumis dipsaceus Ehrenb.

Boerhaavia scandens L.

Rhytidophyllum crenulatum DC.

Adiantum deltoideum Sw.

Tournefortia incana Lam.

Polygala guantanamana Blake (Badiera virgata Britt)

M Auerodendron cubense (B & W) Urb. [illegible] Type locality

Corchorus hirsutus L.

M a [illegible] cubense [illegible] ??

Caparis biflora L.

Cleistes fimbriata L.

Bouteria succulenta Sw. Typica

Caesalpinia pauciflora (Brasil) Wr.

Guettarda elliptica Sw.

Randia spinifex (R+S) Standley

Tabebuia sp.

Stigmaphyllon [illegible] [illegible]

Eugenia bunifolia (Sw.) Willd.

" sclerophylla Griseb.

Distictis gnaphalantha (Rich.) B+H.

" Cupreum Seibertianum

Banisteria pauciflora Kunth.

Saurauia pentalacastum L.

Epidendrum phoeniceum Lindl.

Rondeletia Ruyllii Vl.

XIMENIA AMERICANA L.
det Alain 1965

Hypocrita volubilis L.

Cordia alba R+S.

Tillandsia usneoides L.

5848 ~~Vigna vexillata Rich.~~ ~~Legum.~~

Helicteres semitriloba L.

Capparis cynophyllophora L.

Xanthoxylum Fagara (L.) Sarg.

CROSSOPETALUM RHACOMA CRANTZ
det. Alain 1965

Exostema spinosum (Vahl) K+Urb.

Solanum bahamense L.

Adiantum latifolium Lam.

Exostema parviflorum Rich.

Cassius trifoliata L.

Capparis flexuosa L.

Chylocarpus chrysanthus Howard TYPE

Dryopteris reticulata (L) Urb.

5F31 *Nephrolepis biserrata (Sw.) Schott.*

5F32 *Plumeria obtusa L. Typica*

5F33 *Phytolacca icosandra L.*

5F34 *Euphorbia heterophylla L.*

5F35 *Galactia parviflora G. Rich*

5F36 *Portlandia daphnoides Braham*

Cuthalis fruticosa L.

Pleurothallis sp. + P. sp. (mixed collection)

Bletia Tuberosa (L.) Sims

Cameraria latifolia L.

Elaphoglossum furmiri (Mett.) Urb.

Elaphoglossum Herminieri (Bory + Fée) Moore

Bonnetia cubensis (Britt.) Howard

[illegible] Portlandia daphnoides B.

[illegible] B

[illegible] Casearia hirsuta L.

[illegible] B

[illegible] Euphorbia [illegible] {Adenorima / Euphorbiodendron} [illegible]

M

[illegible] B, [illegible]

[illegible]

[illegible] Elsota elliptica (Turcz.) Blake

[illegible]

[illegible] Ipomoea Tiliacea (Willd.) Choisy [illegible]

[illegible]

[illegible]

[illegible] Connarus reticulatus Griseb.

M

[illegible]

[illegible]

M Bryn Ebenus D.C.

Dalbergia Ecastaphyllum Taub.

Angelonia angustifolia Benth.

Vittaria angustifolia (Sw) Baker

M Chrysanthes scopulorum Brit.

M Lomaria linearifolia Brit.

M

Acrosynanthus latifolius

Cyrilla racemiflora L.
~~Pachalis fruticosa L.~~

Desmodium canum (Gmel.) Schinz & Thellung.

Alophila aquilina Christ.

Schaus Lauraceae Brit.

Bourreria stenophylla A. C. Schulz.

Cordia pedunculosa Vr.

Anastraphia recurva Britt. (?)

Malpighia Cnide

Selenia phyllopteris Wr.

Eugenia moaensis Howard TYPE

m Wedelia trilobata (L.) Hitchc.

Guettarda Valenzuelana Rich.

Byrsonima spicata

Stenandrium Wrightii Lind

Schizaea Germani (Fée) Brantl.

~~Dryopteris~~ Dryopteris virginica Howard TYPE

Polygala paniculata L. forma leucoptera Blake

Miconia barcoensis

Chaptalia dentata (L.) Cass.

M Pachyanthus discolor Wr.

Hippocratea volubilis L.

Tabebuia moaensis Brit.

M Dorstenia tricolor Urb.

~~Vernonia cephalophylla Urban~~
M Nephrolepis ~~biserrata~~

Rondeletia pachyphylla K+H.

Wedelia trilobata (L) Hitch.

Hyptanthus ranunculoides Griseb.

Scleria tuberosa Nr.

Gleichenia flexuosa (Schrad) Mett

Lasiacis Grisebachii (Nash) Hitch.

Waltheria americana L. Mexico

Tabebuia pachyphylla Brit.

Lindsaea portoricensis Desv.

Passiflora rubra L.

Hillenium tenuifolium Nutt.

5901 Psidium cornutum Howard F.D.C.

5900 Callicarpa oblanceolata Urb.

Cassia equifolia C. Wr.

Desmodium canum (Gmel.) Schinz & Thellung.

Siphocampylos patens Gmel.

Pterocaulon alopecuroideum (Lam) DC

Mimosa Boyce L.

Rhabdadenia biflora (Jacq) Muell-Arg.

5907a Arachis hutia (L) Brit.

Claphoxlossum fimbriatum (Mett.) Urb.

Polypodium gladiatum Kze

14 Galactia Earlei Brit.

Heteropterys laurifolia (L.) Adr. Juss.

Desmodium axillare (Sw.) DC var. genuinum Urb.

Rhexia mariifolia Griseb.

BRYA SUBINERMIS LEON & ALAIN

Guettarda ferruginea C. Wr.

Lunania sub-corymbosa B. & W.

M

Polypodium costatum Kze

~~5417a Acrostichum cristatum L.~~

Copaifera hymenaefolia Moric

Psychotria undata Jacq.

Chiococca alba (L.) Hitch.

Antirrhoea lucida (Sw.) Hook

Eleocharis pachystyla (C. Wr.) Clarke

Mesechites rosea (A. DC.) Miers.

Cassipourea elliptica (Sw.) Poll.

Metrosideros vera Buch. Hyl.

Elaphoglossum Herminieri (Bory & Fée) Moore

Hibiscus tiliaceus L.

Cornutia pyramidata L.

Genus cubensis Grisb.

Acrocynanthus latifolius

Rhodia polyneura Urb.

M Portlandia nitens Brit. UNICATE

Mouriria spathulata Gruib. Melast.

Casearia hirsuta L. Flacourt.

Ariadne Shafferi (Stadl.) Urb. Rub.
neomexa

Polystachya foliosa Rechb. f.

Astyanax fasciatus (C. Val.) Nichols.

Spathebis CUBENSIS - P. Wils. - Rutaceae
det. Klein 1965

Psychotria cathetoneura Uitb.

Ixora ferrea (Jacq.) Benth.

? Epidendrum anceps Jacq.

Rauwolfia salicifolia Griseb.

Waltheria americana L.

Mouriria spathulata Griseb Mebustom

M Quassia striata (Van T.) Urb.

Calyptranthes stenopetala Howard Type

Polypodium heterophyllum L.

Polypodium delitescens Maxon

Polypodium dulce Maxon

Coccocypselum herbaceum Aubl.

5953 Coccoloba nipensis Urb.

5954 CAESALPINIA NIPENSE URB.
det. Allen 1965

m Phyllanthus pachystylus Urb.

Tillandsia festucoides Brongn.

Psychotria cathetoneura Urb.

M Croton rupincola Urb.

Aristolochia Lindeniana Duch.

Paepalanthus montanus (Britt.) Moldenke
V

Platygyna volubilis sp. nov. T. L.ce

5962 Xolisma macrophylla ~~Small~~ Britton

5963 Alsophila aquilina Christ.

5964 Apteria aphylla (Nutt.) Barnh.

5964a Stenandrium

5966 Leiphaimos parasitica C. & S.

5967 Pteris longifolia L.

5968 Fimbristylis monostachya Hassk.

Trema lamia Bl. Ulmaceae

Dryopteris normalis C. Chr.

Blumeodium axillare (Sw.) DC var. acutifolium (Kze.) Urb.

Hibiscus elatus Sw.

Polypodium pectinatum L.

Fadyenia Hookeri (Swett) Mayor

Lygodium volubile Sw.

Fimbristylis annua (All.) R+S.

Clerodendron inpinsis Urb.

Adiantum cristatum L.

Desmodium axillare (Sw) DC var. Sintenisii Urb.

1st. report from Cuba ↑

Adiantum Tetraphyllum H+B ex Willd.

Blechnum occidentale L.

Rondeletia pachyphylla

M

Mimosa fagaracantha Grisb.

Polygala sagenoides Grisb.

Cassia lineata L.

Pteridium aquilinum (L) Kuhn var. caudatum (L) Sadebeck

Tabebuia pachyphylla Brit.

Jussiaea suffruticosa L var. leptistipulis (HBK) Grisb.

Elocharis caribaea (Roth) Blake

5990 *Sachsia polycephala* Griseb. [illegible]
[illegible]

5991 *Guettarda Shaferi* Standl [illegible]
[illegible] - D

5992 [illegible] Ekmani Brit. [illegible]
[illegible] - D

5993 *Casearia aquifolia* C. Wr.
[illegible]
[illegible] - D

5994 *Coccothrinax rigida* (Griseb. & Wendl.) Becc. [illegible]
A - to 15'-

5995 *Harpalyce villosa* Brit. & Wils. [illegible]
[illegible]

5995a *Asplenium serratum* L.
Mor, C.

Cyclostrix Helena Lieb. (Adenonima Cyclostrix)

Notodon Roijii Brit. & W.

Cotema spiralis (Nr. & bris) Brit. & Wils.

Lycopodium annuum L.

Eragrostis Elliottii S. Wats.

Cyperus ovularis L.

6003 *Psidium cyphitricha* Burt + Wits.

6004 *Terstroemia peduncularis* D.C.

6005 *Eleocharis caribaea* (Rottb) Blake

6006 *Tetramicra teneva* (A. Rich) Rolfe

6007 *Rhynchospora tenuis* Link

6008 *Cassia lineata* Sw.

6009 *Hypericum fasciculatum* Lam.

Casearia aguifolia C. Wr.

Hypis Jupicai Rich.

Trema lamia Bl. Ulmac

Cyrilla racemiflora L.

Elaeocharis flavescens (Poir) Urb.

BRYA BUXIFOLIA URB.
det. Alain 1965

Plectranthus mauritii

Coffee magnate

[illegible] = ruling passion

· Average [illegible] Virgo 12th E

· Average [illegible] [illegible] Love

COMPOSITION BOOKS

No.	LVS.	SIZE
101-40	40	9¾ × 7⅝
101¼	48	9¾ × 7⅝
101	60	9¾ × 7⅝
101X	72	9¾ × 7⅝
102	84	9¾ × 7⅝
103	96	9¾ × 7⅝
104	120	9¾ × 7⅝
104½	144	9¾ × 7⅝

VERNON ROYAL LINE

THE COVERS OF THIS BOOK HAVE BEEN TREATED WITH A SPECIAL VARNISH THAT PROTECTS AGAINST MOISTURE AND RUBBING

NOTICE HOW SMOOTH THEY ARE

THE PAPER HAS BEEN SPECIALLY SELECTED FOR A SMOOTH WRITING SURFACE, AND UNIFORM QUALITY, WHICH MAY BE IDENTIFIED WITH THE WATERMARK

LOOK FOR THE WATERMARK IN THE PAPER

Royal Writing

4848

4871 Hyptis ??

4908 Teucrium cubense L.

5219 Salvia occidentalis Sw.

5231 Hyptis minutifolia Griseb.

5712 Salvia coccinea Juss.

6170 Salvia cubensis Britt. & Urb.

6286 Teucrium cubense L.

6316 Hyptis verticillata Jacq.

6562 Mentha aquatica L.

6606 Ocimum ? minimum L.

6641 Salvia coccinea Juss.

-Cuba-
4136
4396
4751
4852
4992
4996
5000
5054
5080
5140
5108
5339
5422
5441
5502

-D.R.-
8117
8131
8132
8245
8251
8276
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9188
9215
9235
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9620
9649
9734
9737
9753
9783
9796
9847
9890

-Cuba-
5563
5654
5851
5884
5915
5919
5943
5940
5957
5991
6071
6090
6101
6166
6220 A
6270
6475
6480
6538
6604
6607
6185
6166 B

to
Rube
Standley

RANCHO SANTA ANA BOTANIC GARDEN
1500 North College Avenue
CLAREMONT, CALIFORNIA

June 11, 1952

Dear Mr. Howard:

Yesterday I found a package from you with some un-named Onagraceae. However, it got so mislaid and forgotten I do not know. Here are names, if you still wish them:

Jussiaea affinis DC — ~~10330~~

" erecta L. — ~~11224~~

" suffruticosa var. octofila (DC) Munz ~~10332~~, 11594

" " var. ligustrifolia (HBK) Griseb. ~~11316~~

" " " " forma linearifolia (Hassler) Munz ~~11541~~

Ludwigia glabrata var. americana (DC) Fernald & Griscom — 12138

Fuchsia triphylla L — 12151

Apologetically

P. A. Munz

Plants of West Indies; R. A. Howard
Reported by U. S. National Museum July 1951
U. S. N. M. 191102

Identified by E. C. Leonard

10344 Blechum brownei Juss.
10346 Justicia pectoralis Jacq.
10347 Blechum brownei Juss. f. puberulum Leonard
10350 Pachystachys coccinea Nees
10352 Justicia secunda Vahl
10445 Browallia americana L.
10446 Aphelandra incerta Leonard
10465 Justicia comata L.
10467 Ruellia
10481 Barleria lupulina Lindl.
10538 Croton guildingii Griseb.
10540 Barleria lupulina Lindl.
10593 Graffenreidia latifolia (Naud.) Triana
10670 Pilea inaequalis Wedd.
10698 Cassia polyphylla Jacq.
10721 Justicia periplocifolia Jacq.
10831 Blechum brownei Juss.
10874 Justicia periplocifolia Jacq.
10878 Justicia sessilis Jacq.
10885 Ruellia tuberosa L.
10916 Anthacanthus acicularis (Swartz) Nees
10916 Anthacanthus acicularis (Swartz) Nees
10932 Justicia periplocifolia Jacq.
10933 Anthacanthus acicularis (Swartz) Nees
10938 Acalypha poiretii Spreng.
10942 Barleria lupulina Lindl.
10992 Justicia sessilis Jacq.
11032 Ruellia tuberosa L.
11040 Justicia periplocifolia Jacq.
11130 Odontinema nitidum (Jacq.) Kuntze
11183 Acalypha vincentina Urb.
11216 Pilea parietaria (L.) Blume
11269 Euphorbia articulata Aubl.
11294 Odontonema nitidum (Jacq.) Kuntze
11496 " "
11747 " "
12230 Ruellia coccinea Vahl.
12415 Clerodendron spinosum (L.) Spreng.

Identified by L. B. Smith

10379 Begonia glandulifera Griseb.
10585 Begonia macrophylla Lam.
10709 Pitcairnia latifolia Ait.
10984 " "
11181 Begonia macrophylla Lam.

103
1200

11220 Pitcairnia albucaefolia Schrad.
11255 Pitcairnia latifolia Ait.
11379 " "
11539 " "
11572 " "
11715 " "
11740 " "
11945 Pitcairnia spicata (Lam.) Mez
12165 Pitcairnia elizabethae L. B. Sm. (ined.)
12177 Pitcairnia elizabethae L. B. Sm. (ined.)
12200 Tillandsia depeana Steud.
12374 Tillandsia utriculata L.
12395 Tillandsia incurva Griseb.
12591 Begonia bolleana Urb.

10592 Vaccinium latifolium (Griseb.) B. & H. f. ex Jacks. [det. A.C.Smith]
10835 Aeschynomene americana L. var. americana [det. V. E. Rudd]